

WATER DIVERSION AND DISCHARGE POINTS  
ALONG THE STANISLAUS RIVER:  
HIGHWAY 99 BRIDGE TO SAN JOAQUIN RIVER

California Regional Water Quality Control Board  
Central Valley Region  
3443 Routier Road  
Sacramento, CA 95827-3098

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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

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Special acknowledgement also goes to Rudy Schnagl who spent countless hours doing the aerial surveys and to Brenda Grewell who did the report graphics. Special thanks goes to the land owners, without whose cooperation this program would not have been possible.

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## SUMMARY

Little information is available on the extent and magnitude of diversions of water from the Stanislaus River. Discharges from agricultural and other nonpoint sources are also poorly documented. To develop the data that is needed to establish beneficial uses and water quality objectives on the San Joaquin and Stanislaus Rivers, a study was conducted in 1986 to gain information on the hydrologic influences on the Stanislaus River. A 16-mile section of the Stanislaus River was surveyed from the gaging station at the Highway 99 Bridge to the river mouth at the San Joaquin River. This section has 8 discharge points with the most significant occurring in the river miles 00.0 to 01.5. There are 16 points of water diversion for beneficial use within this 16-mile section of river studied. The largest number of diversion points occur in miles 00.0 - 08.0 (lowest reach of the river prior to outflow into the San Joaquin River).

## INTRODUCTION

The State Water Resources Control Board hearings on the problems at Kesterson Reservoir identified the need to control the discharges of agricultural subsurface drainage into the San Joaquin River and its tributaries. The main east side tributaries are the Stanislaus, Tuolumne and Merced Rivers. Programs on the federal, State and local levels have been initiated to investigate the impacts this agricultural drainage may be having on the beneficial uses in the San Joaquin River and its tributaries. The Central Valley Regional Water Quality Control Board (Regional Board) has the primary responsibility for regulating the discharge of drainage water. As part of the development of this regulatory program, the Regional Board intensified monitoring for agricultural discharges including gathering data on the geographic distribution of sources of discharge and users of San Joaquin, Stanislaus, Tuolumne and Merced River water.

The majority of the subsurface agricultural drainage pollutant load is discharged to the San Joaquin River via Mud Slough (north) and Salt Slough in Merced County (James et al., 1988a and 1988b). The impact of these discharges, however, is highly modified by numerous diversions and discharges up and down stream of these two sloughs. The importance of these other discharges and diversions is manifested by the finding that the majority of the river in many months of the year is made up entirely of agricultural return flows, both surface and subsurface. Little information is available on the extent and magnitude of the diversion and discharge points along the San Joaquin River and its three major east side tributaries. These east side tributaries play a key role in downstream water quality (James et al., 1988b). Discharges and diversions in these tributaries thus play a key role in water quality downstream. This study was initiated to gain information about the hydrology of the Stanislaus River as it relates to agricultural water use and outflows into the San Joaquin River. The objective of the study was to physically characterize the Stanislaus River from the Highway 99 Bridge to its inflow to the San Joaquin River by identifying the surface hydrologic influences on it. The goals were: a) to develop information that could be used in identifying the beneficial uses and appropriate water quality objectives for both the San Joaquin and Stanislaus Rivers; b) to identify the need for regulatory actions; and c) to provide a data base for the flow model being developed for the San Joaquin River. A similar discharge and diversion survey has been conducted for the San Joaquin River downstream of the Stanislaus River inflow (James, et al. 1989).

## STUDY AREA

The study area consists of the 16-mile section of the Stanislaus River extending from the gaging station at the bridge at Highway 99 to its mouth where it flows into the San Joaquin River. Due to major differences in the intensity of use along its length, the river was divided into two segments for analysis in this study. The river segments chosen are from the gaging station at the Highway 99 Bridge at mile 15.8 to mile 8 in the eastern portion of Caswell State Park. The second section is then from mile 8 in Caswell State Park to its mouth at the San Joaquin River. The river segments are shown in Figures 1 and 2. The river miles shown throughout this report are those used on the U.S. Geological Survey (USGS) 7.5 minute series quadrangles.

## STUDY METHODS

The study was initiated in spring 1986 with all field work completed by end of the summer 1986. The initial river survey was by air in January 1986. Additional information was obtained from USGS Topographical Survey Maps, Modesto Irrigation District Records, and Regional Board files. This was followed by an on-the-ground inspection of the entire length of the Stanislaus River.

The on-the-ground survey of the Stanislaus River consisted of traveling its entire length, noting the location and type of all discharges and diversions. In addition, the source of the discharge was identified. Detailed photographs of each site are available in the Regional Board files.

## RESULTS

The river segment discussion that follows will describe the discharge and diversion data from east to west or upstream to downstream. The river miles are assigned, however, from the lowest miles downstream to the highest values upstream (denotes miles from the River terminus). This discussion will only present a summary of each river segment and more detailed supporting information is presented in Appendix A. The information in the Appendix A is arranged by river segment for ease of access. The supporting information within each river segment identifies each site by a unique site number, locates the site along the Stanislaus River and provides a brief site description. The unique site number assigned to each site describes the site location. For example, site #SRN00.5D; the first two letters describe the site as being on the Stanislaus River (SR) while the next letter describes whether the site is on the north (N) or south (S) side of the river. The three-digit numeric designation (00.5) describes the river miles as defined by the USGS Maps. The final letter designation describes whether the site is a discharge (D) to the river or a diversion (P) from the river. A schematic diagram with site name and number has been compiled for each river section and are shown in Figures 3 and 4.

Flow in the Stanislaus River is highly regulated and strongly influenced by discharges or diversions into the river within the study area. The 16-mile section of the Stanislaus River surveyed in this study (Highway 99 to mouth) has 8 discharge points. The greatest concentration of discharge points occurs near the mouth of the river (mile 0-1.5). The other significant discharge occurs from Modesto Irrigation District Supply Lateral No. 6 (mile 10.4).

The 16-mile section has 16 points of water diversion for beneficial use. The greatest density of diversion points occurs in the lower section of the river

(mile 0-8). The majority of diversions from the River occur within miles 4-7 and 9-11. The number of diversion points are equally divided between the northern and southern banks of the river. The discussion that follows will briefly describe the significant surface hydrological influences on the Stanislaus River within the two river segments. Each segment description is supported by a flow diagram shown in Figures 3 and 4. Discharge and diversion descriptions are found in Appendix A.

## RIVER SECTIONS

### River Section 1 - Gaging Station at Highway 99 Bridge to Mile 8 in Caswell State Park

This 8-mile section of the Stanislaus River has 6 diversion pumps, 4 of which are on the north bank. There are 2 discharge points, the most significant of which is the Modesto Irrigation District Lateral No. 6 spill at mile 10.4. The majority of the discharge and diversion sites occur from mile 8-11. Only one small discharge drain (SRN13.0D) and no diversions are found within mile 11-16.

### River Section 2 - Mile 8 in Caswell State Park to Mouth at the San Joaquin River

This 8-mile section of the Stanislaus River is the most highly developed. There are 10 diversion pumps, 5 of which are on the north bank. Four of the diversion pumps serve Reclamation District (RD) No. 2064 and one serves McMullin RD 2075. The two largest diversion pumps within the 8-mile section are one of the 4 RD 2064 pumps that belongs to the Bret Harte Water Users (SRN04.0P) and the pumps that belong to the McMullin RD 2075. Both of these pumping facilities sit side-by-side at mile 04.0. The water rights for the five north bank pumps are controlled by RD 2064 and RD 2075 but the pumps are owned and operated by individual farmers within the District.

There are 6 discharge sites within this 8-mile section. Three of these occur within mile 0-1.5. All three carry significant flow rates especially the two on the southern bank; Miller Lake Drain (SRS01.5D) and Riley Slough (SRS005.D). Both of these drains carry tail water from irrigated land. Another significant tail water drain (Brocchini Drain) occurs at mile 4.5. Tail water from this drain has also been known to carry animal wastewater.

## REFERENCES

- James, E.W., Westcot, D.W., Grewell, B.J., Belden, K.K., Boyd, T.F., Waters, R.I., and Thomasson, R.R., 1988a. Agricultural Drainage Contribution to Water Quality in the Grassland Area of Western Merced County, California. Central Valley Regional Water Quality Control Board Report, 169 pages.
- James, E.W., Grewell, B.J., Westcot, D.W., Belden, K.K. and Boyd, T.F., 1988b. Water Quality of the Lower San Joaquin River: Lander Avenue to Vernalis, May 1985 to March 1988. Central Valley Regional Water Quality Control Board Report. 95 pages.
- James, E.W., Westcot, D.W. and Gonzalez, J.L., 1989. Water Diversion and Discharge Points Along the San Joaquin River: Mendota Pool Dam to Mossdale Bridge. Central Valley Regional Water Quality Control Board Report. 2 Volumes

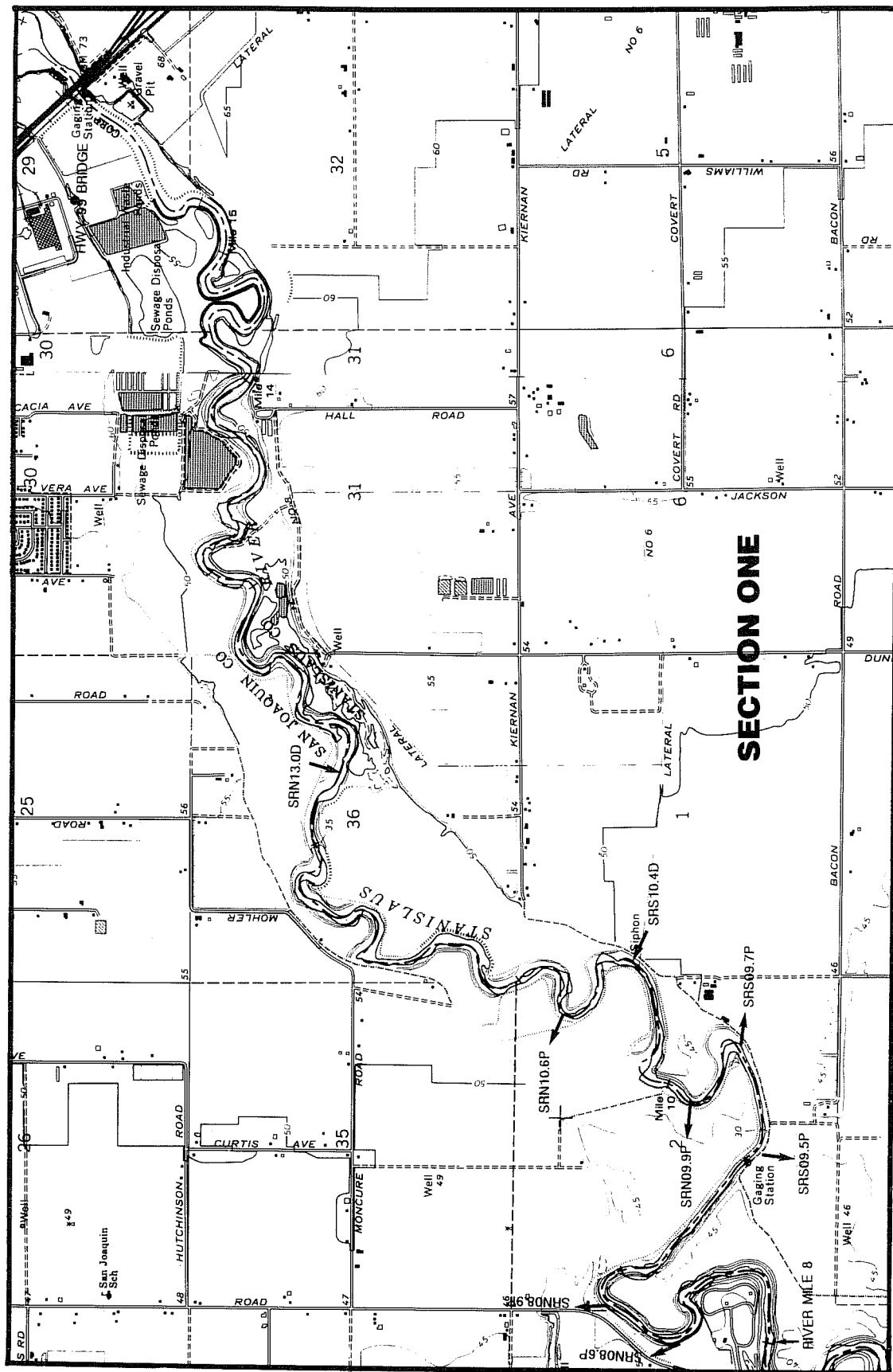


Figure 1 Diversion and Discharge Sites Along the Stanislaus River from the Highway 99 Bridge to Caswell State Park



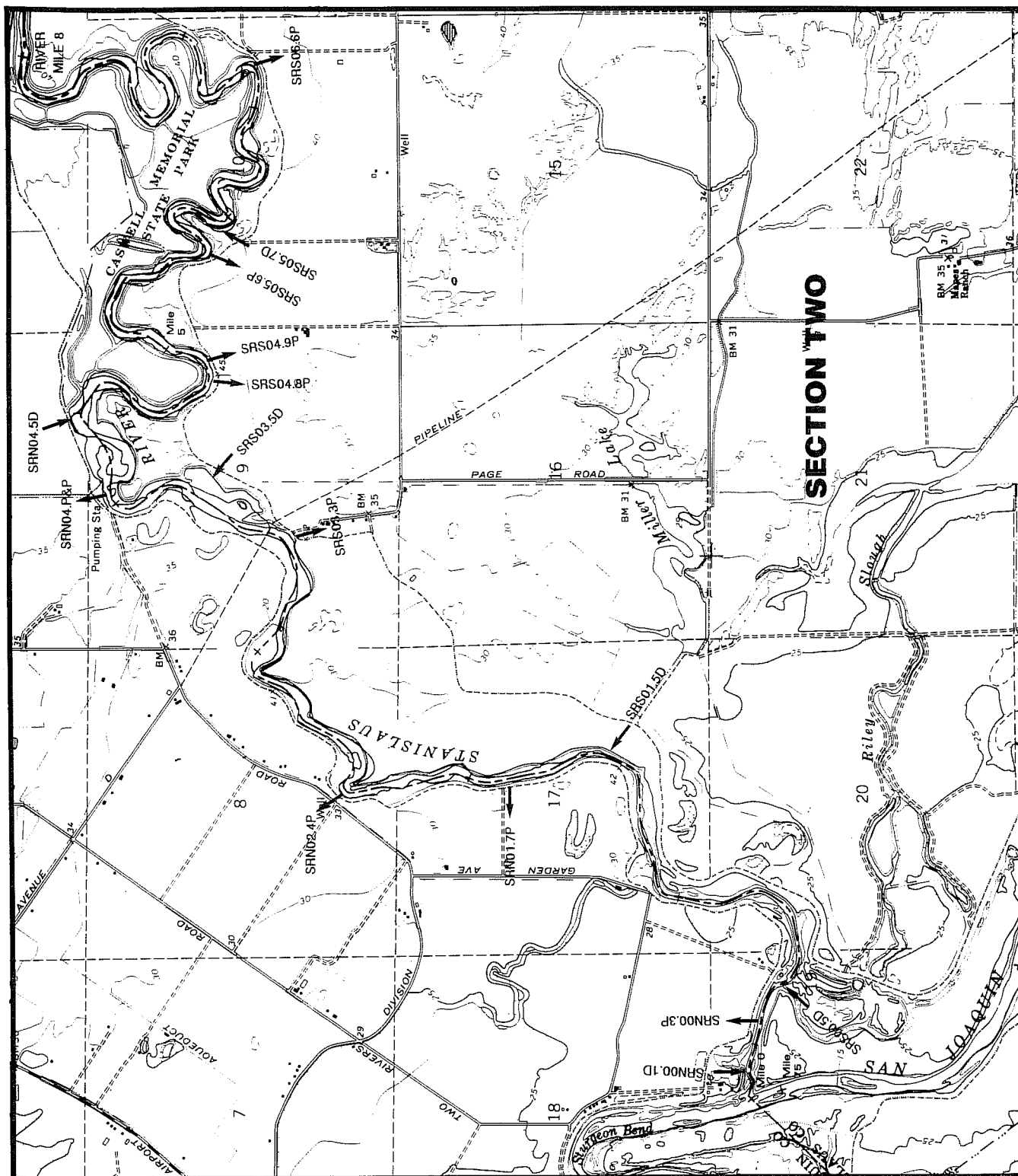


Figure 2 Diversion and Discharge Sites Along the Stanislaus River from the Caswell State Park to the San Joaquin River

# STANISLAUS RIVER SECTION 1

Highway 99 Bridge (Gaging Station) to Mile 8 in Caswell State Park  
Stanislaus River Miles 15.8 - 08.0

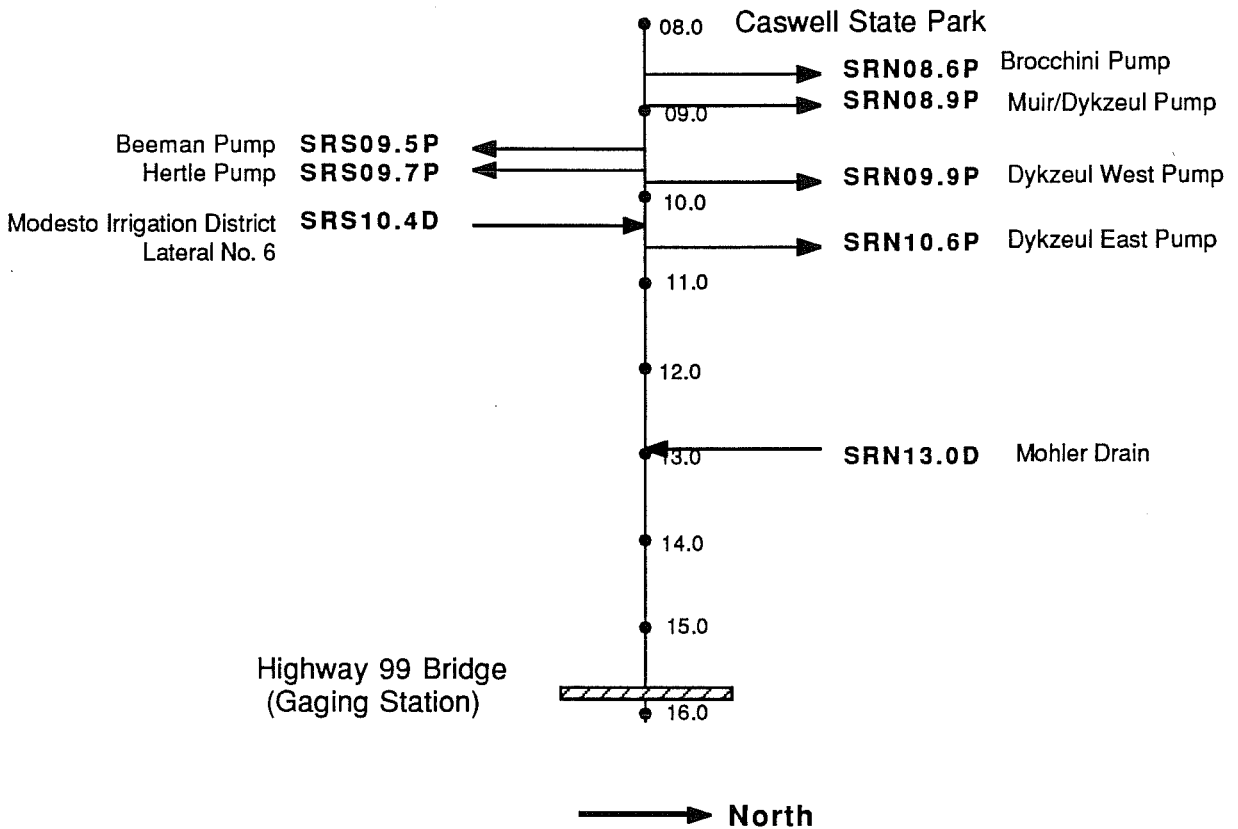


Figure 3 Schematic Diagram for Water Diversions and Discharges on the Stanislaus River from the Highway 99 Bridge to Mile 8 in the Caswell State Park (River Section 1)

## STANISLAUS RIVER SECTION 2

Mile 8 in Caswell State Park to San Joaquin River  
Stanislaus River Miles 08.0 - 00.0

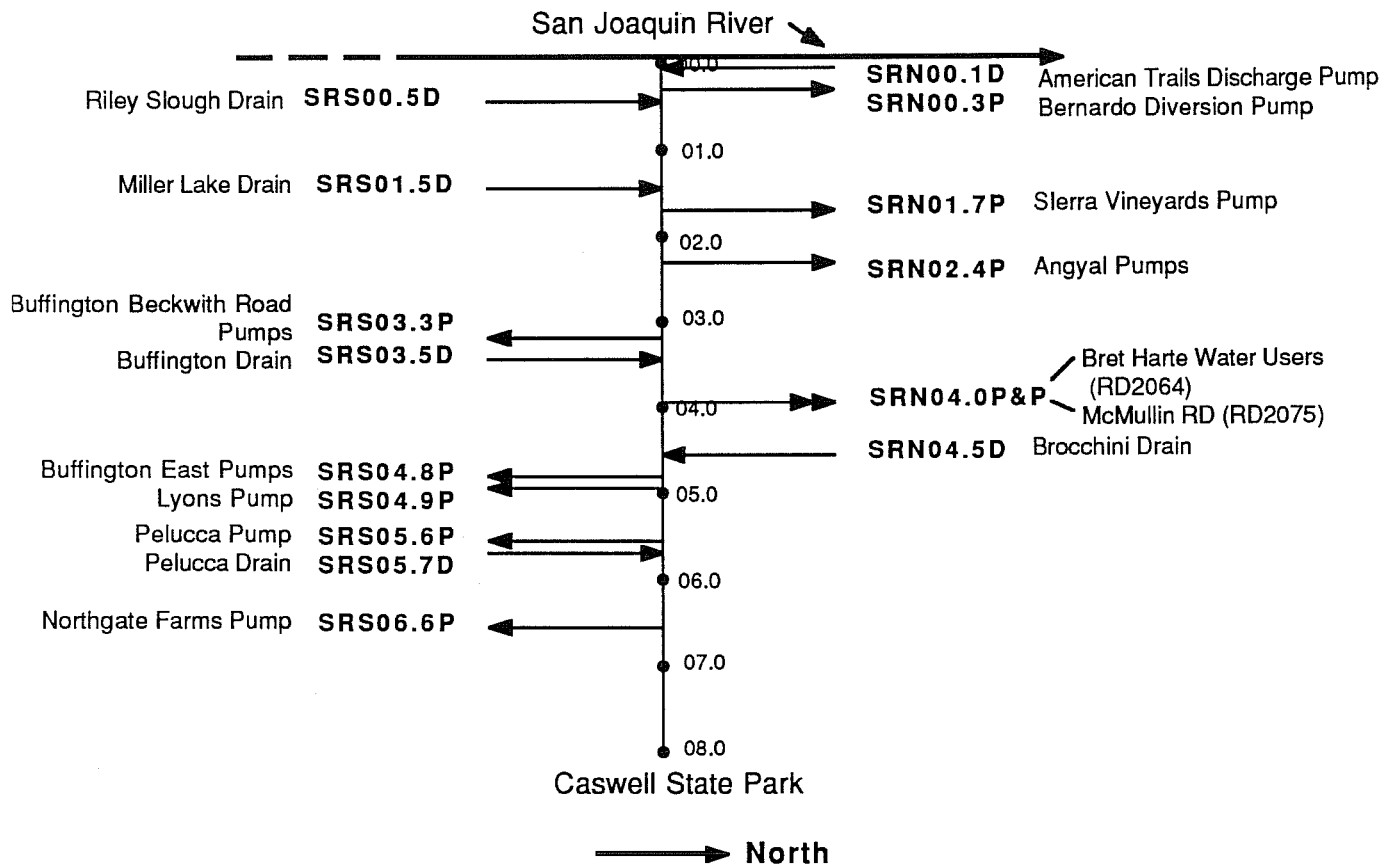


Figure 4 Schematic Diagram for Water Diversions and Discharges on the Stanislaus River from Mile 8 in Caswell State Park to the San Joaquin River (River Section 2)



## APPENDIX A

Detailed Descriptions of Discharge and  
Diversion Points Along the Stanislaus River  
from Highway 99 Bridge to San Joaquin River

Explanation of the Unique Site Identification Numbers  
Used Throughout the Report and Appendices

SR N 00.5 P

1 2 3 4

1. The first two letters designate the river  
SR = Stanislaus River
2. The third letter designates the bank of the river  
N = north bank  
S = south bank
3. The 3-digit number designates the river mileage as described by the  
USGS Maps
4. The final letter designates the type of site  
P = water diversion  
D = discharge to the river



Stanislaus River Section #1

Highway 99 Bridge (Gaging Station) to Mile 8 in Caswell State Park

River Miles 08.0 - 15.8



# STANISLAUS RIVER SECTION 1

Highway 99 Bridge (Gaging Station) to Mile 8 in Caswell State Park  
Stanislaus River Miles 15.8 - 08.0

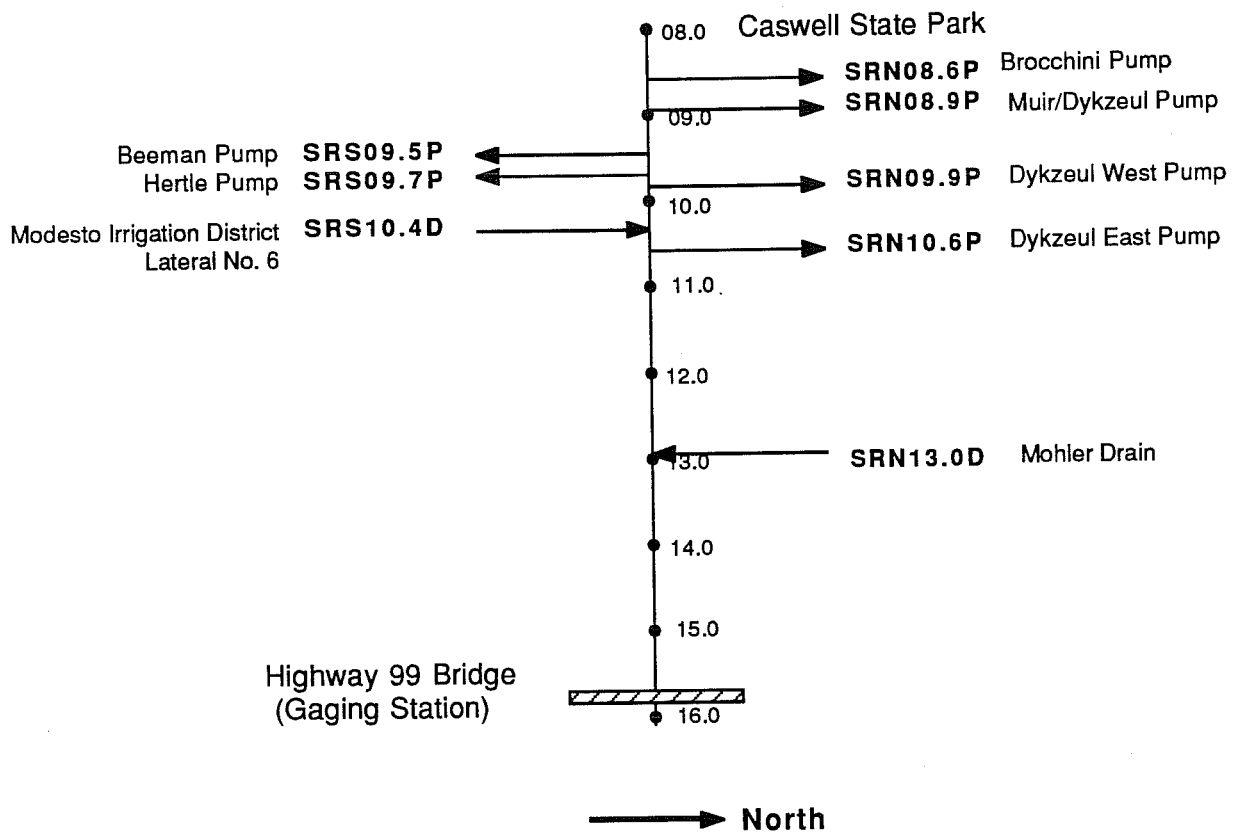


Figure A-1 Schematic Diagram for Water Diversions and Discharges on the Stanislaus River from the Highway 99 Bridge to Mile 8 in the Caswell State Park (River Section 1)

## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN8.6P**

**Site Name:** Brocchini Pump

**River Mileage:** 8.6

**Site description, location and access:** Diversion pump access via Austin Road approximately one mile south of Moncure to a T in the road. Walk directly over levee to pump. The silver pump is at the end of a railed platform walkway.

**Township/Range/Section:** NE 1/4, NE 1/4, SE 1/4, Section 3, T3S, R7E (DWR# 3S/7E-3J)

**Latitude/Longitude:** 37° 42' 11"/121° 10' 45"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 222T45

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN8.9P**

**Site Name:** Muir/Dykzeul Pump

**River Mileage:** 8.9

**Site description, location and access:** Silver diversion pump on top of pipe that is angled into the river. There is a ladder that leads to a platform near the pump. Also at this site is a second pipe that is connected to a stand pipe. For access travel south on Austin, 8 miles past Moncure Rd. to pullout area near levee. Walk directly over the levee to the site.

**Township/Range/Section:** NW 1/4, SW 1/4, NW 1/4, Section 2, T3S, R7E (DWR# 3S/7E-2E)

**Latitude/Longitude:** 37° 42' 23"/121° 10' 37"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 223T87

### STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS9.5P**

**Site Name:** Beeman Pump

**River Mileage:** 9.5

**Site description, location and access:** Discharge pump access via Bacon Road to dirt road, travel north to levee. Pump is at the end of a narrow wooden walkway with railing. Wooden structure extends up from railing around pump.

**Township/Range/Section:** NE 1/4, SE 1/4, SW 1/4, Section 2, T3S, R7E (DWR# 3S/7E-2F)

**Latitude/Longitude:** 37° 41' 59"/121° 10' 05"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P411-114

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### STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS9.7P**

**Site Name:** Hertle Pump

**River Mileage:** 9.7

**Site description, location and access:** Diversion pump access via Bacon Road to dirt road, travel north to levee. From the levee road only a low wooden railing and the meter are visible; red and white wires are suspended across the area.

**Township/Range/Section:** SW 1/4, NE 1/4, SE 1/4, Section 2, T3S, R7E (DWR# 3S/7E-2J)

**Latitude/Longitude:** 37° 42' 02"/121° 09' 45"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P406-42

## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN9.9P**

**Site Name:** Dykzeul West Pump

**River Mileage:** 9.9

**Site description, location and access:** Out-of-use, abandoned and sanded in, covered in brush. Access via Moncure Road to dirt road that travels south; turn east at the end of the road then south to the levee. Levee road also provides access to this site from site SRN10.6P.

**Township/Range/Section:** NW 1/4, NW 1/4, SE 1/4, Section 2, T3S, R7E (DWR# 3S/7E-2K)

**Latitude/Longitude:** 37° 42' 09"/121° 09' 58"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRS10.4D**

**Site Name:** Modesto I.D. Lateral No. 6

**River Mileage:** 10.4

**Site description, location and access:** Discharge from lateral No. 6; access via Bacon Road, travel north on dirt road to levee road.

**Township/Range/Section:** NW 1/4, SW 1/4, NW 1/4 Section 1, T3S, R7E (DWR# 3S/7E-1E)

**Latitude/Longitude:** 37° 42' 17"/121° 09' 29"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

### WATER SOURCE

**Type and source of water being discharged (description):** Operational spill water from the Modesto ID supply Lateral No. 6.

## **STANISLAUS RIVER DIVERSION SITE**

**SITE ID #SRN10.6P**

**Site Name:** Dykzeul East Pump

**River Mileage:** 10.6

**Site description, location and access:** Light blue diversion pump at the end of a narrow (two planks wide) walkway. Access via Moncure Rd. to dirt road that extends south from Moncure in the middle of Section 35. After travelling south to the end of the dirt road turn northeast and drive .3 mile. Turn south on dirt road that extends to the levee then turn left at the levee.

**Township/Range/Section:** SW 1/4, NE 1/4, NE 1/4, Section 2, T3S, R7E (DWR# 3S/7E-2A)

**Latitude/Longitude:** 37° 42' 29"/121° 09' 40"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 305T44

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## **STANISLAUS RIVER DISCHARGE SITE**

**SITE ID #SRN13.0D**

**Site Name:** Mohler Tailwater Drain

**River Mileage:** 13.0

**Site description, location and access:** The corrugated drain pipe extends horizontally from the crop field, through the levee, to the river. Access via dirt road that travels south to the levee from the east end of Mohler Road.

**Township/Range/Section:** SE 1/4, SW 1/4, NE 1/4 Section 36, T2S, R7E

**Latitude/Longitude:** 37° 43' 05"/121° 08' 53"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

### **WATER SOURCE**

**Type and source of water being discharged (description):** Tailwater from bean crop.

## STANISLAUS RIVER SITE

**SITE ID #SRS15.8**

**Site Name:** Stanislaus River Gaging Station

**River Mileage:** 15.8

**Site description, location and access:** Gauge station access via Hammett Road to dirt road, travel northwest along Highway 99 to river. Small building and upright corrugated pipe also at this site.

**Township/Range/Section:** SE 1/4, NW 1/4, SE 1/4, Section 29, T2S, R8E (DWR# 2S/8E-29K)

**Latitude/Longitude:** 37° 43' 48"/121° 06' 33"

**County:** Stanislaus

**USGS Quad Map:** Salida, California

**Meter Number:** Modesto ID 11-52203



Stanislaus River Section #2

Mile 8 in Caswell State Park to San Joaquin River

River Miles 00.0 - 08.0



## STANISLAUS RIVER SECTION 2

Mile 8 in Caswell State Park to San Joaquin River  
Stanislaus River Miles 08.0 - 00.0

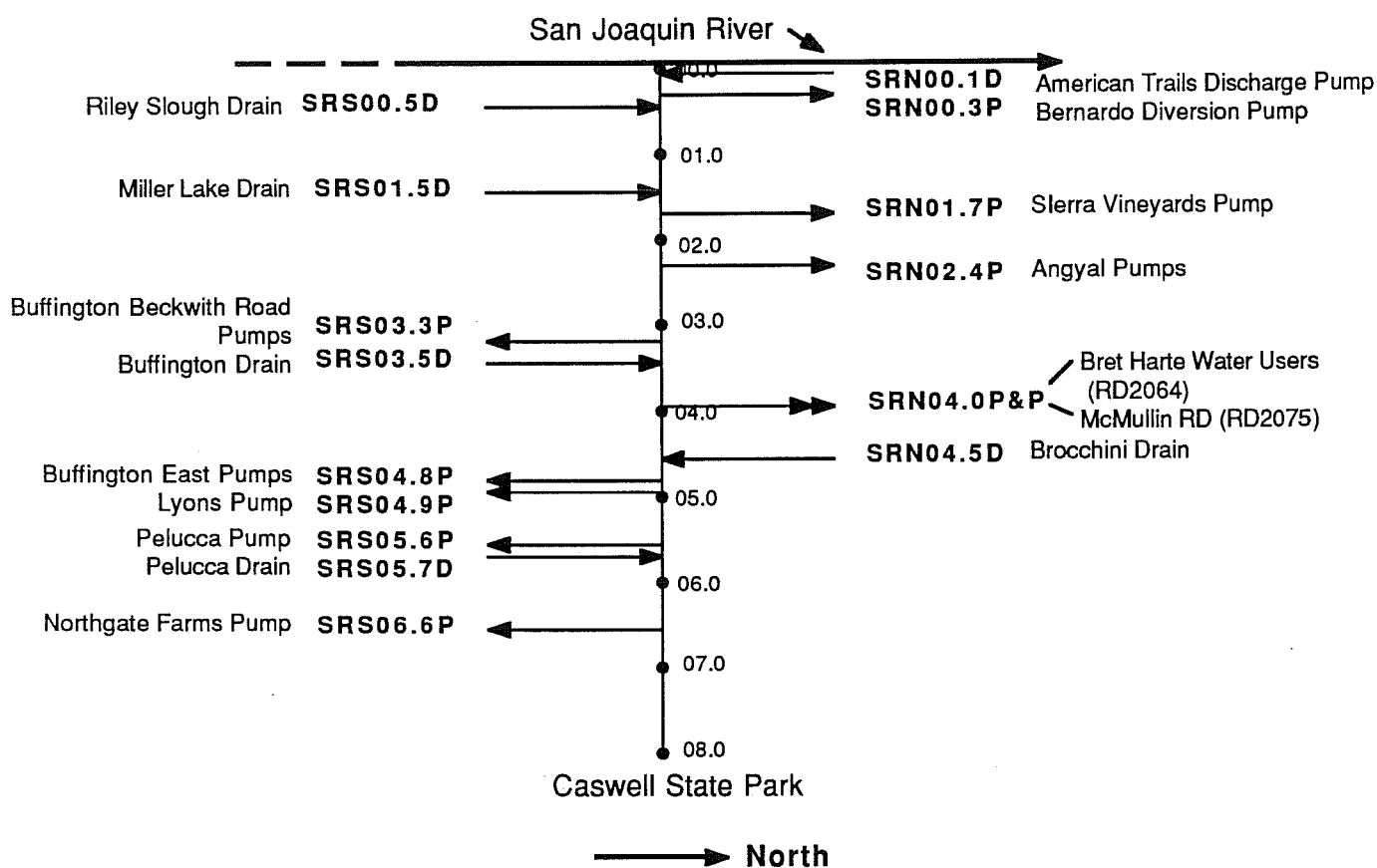


Figure A-2 Schematic Diagram for Water Diversions and Discharges on the Stanislaus River from Mile 8 in Caswell State Park to the San Joaquin River (River Section 2)

## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRNO.1D**

**Site Name:** American Trails Discharge Pump

**River Mileage:** 0.1

**Site Description, location and access:** Discharge pump drains water from landward side of levee to ditch on river side which drains to river. Access to levee road via dirt road extending south from Garden Avenue. Wooden walkway to pump has wooden rail on one side and reddish pipe on the other.

**Township/Range/Section:** SW 1/4, NW 1/4, NE 1/4 Section 19, T3S, R7E (DWR# 3S/7E-19B)

**Latitude/Longitude:** 37° 39' 54"/121° 14' 18"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

### WATER SOURCE

**Type and source of water being discharged (description):** Tail water and local runoff water collect in a small pond on the landward side of the levee. The pump transports this water over the levee to a ditch connected to the river.

**Comments on factors affecting water quality and quantity at the site:** This discharged water should have a relatively low sediment load due to the settling out of sediments in the pond before flowing to the river.

**Meter Number:** PG&E 55T661

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRNO.3P**

**Site Name:** Bernardo Diversion Pump

**River Mileage:** 0.3

**Site description, location and access:** Diversion pump access via Garden Avenue to the first dirt road extending south after the sharp turn to the west on Garden Avenue. The dirt road is approximately 0.8 miles south of the division road-Garden Avenue intersection. Pump is in a corrugated sheet metal shed which is at the end of a platform.

**Township/Range/Section:** SW 1/4, NE 1/4, NE 1/4, Section 19, T3S, R7E (DWR# 3S/7E-19A)

**Latitude/Longitude:** 37° 39' 52"/121° 14' 08"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Type of diversion and use of the water:** This is a 50 h.p. diversion pump on the north bank of the Stanislaus River that supplies water to 105 acres of irrigated farm land to grow corn and other grain crops.

**Meter Number:** PG&E 163122

## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRS0.5D**

**Site Name:** Riley Slough Drain

**River Mileage:** 0.5

**Site Description, location and access:** Riley Slough discharges to the Stanislaus River from the south bank approximately 0.5 miles upstream from its confluence with the San Joaquin River. Riley Slough is accessed via the east bank levee road of the San Joaquin River north off of Maze Boulevard through the Faith Ranch. The actual discharge site to the Stanislaus River is not accessible by vehicle, but the levee road crosses the slough approximately two miles north of Maze Boulevard.

**Township/Range/Section:** SE 1/4, NE 1/4, NE 1/4 Section 19, T3S, R7E (DWR# 3S/7E-19A)

**Latitude/Longitude:** 37° 39' 48"/121° 14' 01"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

### WATER SOURCE

**Type and source of water being discharged (description):** The water being discharged to Riley Slough originates from a pumped discharge over the levee. Two pumps (meter: Modesto ID P418-47) discharge water from Riley Slough under the levee road, to the smaller slough (on the west side of the road) which flows to the Stanislaus River. There is a silver shed and large wooden platform on the pump (east) side of the road.

Access via dirt road traveling north from Maze Boulevard; site is approximately 1.6 miles north of Maze Boulevard. Pumps are located in:

**Township/Range/Section:** NE 1/4, NE 1/4, SE 1/4 Section 19, T3S, R7E (DWR#3S/7E-19J)

**Latitude/Longitude:** 37° 39' 33"/121° 14' 00"

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## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRS1.5D**

**Site Name:** Miller Lake Drain

**River Mileage:** 1.5

**Site Description, location and access:** Miller Lake Drain access via levee dirt road approximately 1.5 miles north of Maze Road. On the east side of road is a light green shed and three light green pumps above grate at pumping station; on the west side of the road is a narrow white wooden walkway with wooden rails.

**Township/Range/Section:** NW 1/4, SE 1/4, SE 1/4 Section 17, T3S, R7E (DWR# 3S/7E-17R)

**Latitude/Longitude:** 37° 40' 13"/121° 01' 04"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

### WATER SOURCE

**Type and source of water being discharged (description):** Tail water that accumulates in the Miller Lake area.

## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN1.7P**

**Site Name:** Sierra Vineyards Pump

**River Mileage:** 1.7

**Site description, location and access:** Diversion pump access via first dirt road east off of Garden Avenue approximately 0.3 miles south of Division Road. The dirt road connects to the river levee, running along the north side of a vineyard. The silver pump is at the end of a platform with white wooden railing.

**Township/Range/Section:** NW 1/4, SW 1/4, NE 1/4, Section 17, T3S, R7E (DWR# 3S/7E-17G)

**Latitude/Longitude:** 37° 40' 34"/121° 13' 18"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 914T33

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN2.4P**

**Site Name:** Angyal Pumps

**River Mileage:** 2.4

**Site description, location and access:** Diversion pump access via Division Road .35 miles east of Garden Avenue. Walk over levee to pump. (Locked gate #2010.) Tall square cement structure at site on the levee near wooden platform above pipe.

**Township/Range/Section:** NW 1/4, SW 1/4, SE 1/4, Section 8, T3S, R7E (DWR# 3S/7E-8Q)

**Latitude/Longitude:** 37° 41' 02"/121° 01' 20"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 3338T2

### STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS3.3P**

**Site Name:** Buffington Beckwith Road Pumps

**River Mileage:** 3.3

**Site description, location and access:** Two diversion pumps; access via Beckwith Road which becomes a dirt road and extends straight into the levee. There is a wooden platform next to the pipe and a wooden framed open structure is also present.

**Township/Range/Section:** SW 1/4, NE 1/4, SW 1/4, Section 9, T3S, R7E (DWR# 3S/7E-9L)

**Latitude/Longitude:** 37° 41' 11"/121° 12' 27"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P211-440

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### STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRS3.5D**

**Site Name:** Buffington Drain

**River Mileage:** 3.5

**Site Description, location and access:** Tail water drain goes from field through levee to small ditch. Discharge site to river not observed due to overgrowth. Access via Beckwith Road, north on dirt road to levee.

**Township/Range/Section:** SW 1/4, SW 1/4, NE 1/4 Section 9, T3S, R7E (DWR# 3S/7E-9G)

**Latitude/Longitude:** 37° 41' 26"/121° 12' 12"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN4.OP**

**Site Name:** Bret Harte Water Users Pumps

**River Mileage:** 4.0

**Site description, location and access:** Three diversion pumps, western side of group of pumps at this location. Access via Manteca Road, turn east at dirt road and travel to levee. These pumps serve water to Reclamation District No. 2064 while two other pumps on the east side of these pump water to Reclamation District No. 2075.

**Township/Range/Section:** NE 1/4, NE 1/4, NW 1/4, Section 9, T3S, R7E (DWR# 3S/7E-9C)

**Latitude/Longitude:** 37° 41' 42"/121° 12' 20"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 39T166

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRN4.OP**

**Site Name:** McMullin Reclamation District  
Stanislaus River Pumps

**River Mileage:** 4.0

**Site description, location and access:** Pump station in a metal shed with two diversion pumps and a single white diversion pump with a cyclone fence around it. These pumps are on the eastern side of a group of pumps at this location. Access via Manteca Rd.; turn east at dirt road and travel to levee. The western three pumps belong to the Bret Harte Water Users (R.D. 2064).

**Township/Range/Section:** NE 1/4, NE 1/4, NW 1/4, Section 9, T3S, R7E (DWR# 3S/7E-9C)

**Latitude/Longitude:** 37° 41' 42"/121° 12' 20"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

**Meter Number:** PG&E 442T85

## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRN4.5D**

**Site Name:** Brocchini Drain

**River Mileage:** 4.5

**Site Description, location and access:** Drain access via dirt road that travels southwest off Austin Road (entered at point where Austin turns straight west). Travel along this dirt road approximately 1.2 miles to drain. The drain has a flap gate.

**Township/Range/Section:** SE 1/4, SW 1/4, SE 1/4 Section 4, T3S, R7E

**Latitude/Longitude:** 37° 41' 47"/121° 12' 00"

**County:** San Joaquin

**USGS Quad Map:** Ripon, California

### WATER SOURCE

**Type and source of water being discharged (description):** Three field drains discharge tail water that empties into the river at this point.

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS4.8P**

**Site Name:** Buffington East Pumps

**River Mileage:** 4.8

**Site description, location and access:** There are two diversion pumps within 50 yards of each other. The western most diversion pump is in a separate corrugated metal shed with yellow doors and yellow pipes. The meter number on the first pump is Modesto ID P418-27. Access via levee road from dirt road off of Beckwith Road. The second pump is located approximately 150 feet east of the first diversion pump. Access via levee road from dirt road extending north off of Beckwith Road. The pump is in a corrugated sheet metal shed with a yellow-orange door and pipe. The meter number is Modesto ID P411-90.

**Township/Range/Section:** SW 1/4, SE 1/4, NE 1/4, Section 9, T3S, R7E (DWR# 3S/7E-9H)

**Latitude/Longitude:** 37° 41' 24"/121° 11' 53"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS4.9P**

**Site Name:** Lyons Pump

**River Mileage:** 4.9

**Site description, location and access:** Diversion pump is in a corrugated metal shed with a yellow-orange door and pipe. Access via levee road from dirt road extending north off of Beckwith Road.

**Township/Range/Section:** SE 1/4, SE 1/4, NE 1/4, Section 9, T3S, R7E (DWR# 3S/7E-9H)

**Latitude/Longitude:** 37° 41' 25"/121° 11' 48"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P211-251

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS5.6P**

**Site Name:** Pelucca Pump

**River Mileage:** 5.6

**Site description, location and access:** Diversion pump access via Beckwith Road, turn north on dirt road to levee road. Pump is in a corrugated sheet metal shed with stairs leading up to the shed door.

**Township/Range/Section:** SE 1/4, SW 1/4, NW 1/4, Section 10, T3S, R7E (DWR# 3S/7E-10E)

**Latitude/Longitude:** 37° 41' 25"/121° 11' 27"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P411-84



## STANISLAUS RIVER DISCHARGE SITE

**SITE ID #SRS5.7D**

**Site Name:** Pelucca Drain

**River Mileage:** 5.7

**Site Description, location and access:** Drain has a flood gate box--when opened it drains water from the landward side of the levee in a corrugated pipe near a tree. The pipe is almost completely covered with dirt. Access via Beckwith Road; travel north on dirt road to levee.

**Township/Range/Section:** NW 1/4, NE 1/4, SW 1/4 Section 10, T3S, R7E  
(DWR# 3S/7E-10L)

**Latitude/Longitude:** 37° 41' 17"/121° 11' 22"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

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## STANISLAUS RIVER DIVERSION SITE

**SITE ID #SRS6.6P**

**Site Name:** Northgate Farms Pump

**River Mileage:** 6.6

**Site description, location and access:** Diversion pump access via Beckwith Road to dirt road, travel north to levee. Pump is in a half-open corrugated sheet metal shed with stair leading up to pump level.

**Township/Range/Section:** NW 1/4, NE 1/4, SE 1/4, Section 10, T3S, R7E (DWR# 3S/7E-10J)

**Latitude/Longitude:** 37° 41' 17"/121° 10' 45"

**County:** Stanislaus

**USGS Quad Map:** Ripon, California

**Meter Number:** Modesto ID P406-22